

Message

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Subject: EPA HQ Guidance re Rad in Superfund
Attachments: RadRiskQAwithtransmitmemo_June_13_2014.pdf

As you requested, attached is a 2014 EPA HQ memo re rad that addresses a variety of issues we've recently discussed.

A few relevant excerpts:

OSWER Directive 9200.4-40, EPA 540-R-012-13, May 2014, Q3, p. 8: "EPA's Superfund remedial program general practice has been to use the NTE approach for soil where residential land use is assumed."

OSWER Directive 9200.4-40, EPA 540-R-012-13, May 2014, Q33, p. 27, and OSWER Directive 9200.4-18 (U.S. EPA 1997a): "cleanup levels not based on an ARAR should be based on the carcinogenic risk range (generally 10^{-4} to 10^{-6} , with 10^{-6} as the point of departure and 1×10^{-6} used for PRGs."

OSWER Directive 9200.4-40, EPA 540-R-012-13, May 2014, Q34, p. 27: "Consistent with existing Agency guidance for the CERCLA remedial program, while the upper end of the risk range is not a discrete line at 1×10^{-4} , EPA generally uses 1×10^{-4} in making risk management decisions. A specific risk estimate around 10^{-4} may be considered acceptable based on site-specific circumstances."

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For information on Superfund in general: www.epa.gov/region9/superfund

For information on Hunters Point Naval Shipyard: www.epa.gov/superfund/hunterspoint